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AUG 06 2004

**FAX TRANSMISSION****DATE:** August 6, 2004**PTO IDENTIFIER:** Application Number 09/180269-Conf. #6599  
Patent Number**Inventor:** Kathryn Lindsay BALL et al.**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (703) 872-9306**FROM:** LAHIVE & COCKFIELD, LLP  
Cynthia L. Kanik, Ph.D.**PHONE:** (617) 227-7400**Attorney Dkt. #:** CCI-007USRCE**PAGES (Including Cover Sheet):** 14**CONTENTS:** Fee Transmittal (1 page in duplicate);  
Supplemental Amendment in Response to Examiner Interview Summary (9 pages);  
Amendment Transmittal (1 page);  
Certificate of Transmission under 37 CFR 1.8 (1 page); and  
Charge \$378.00 to deposit account 12-0080.

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PTO/SB/97 (12-97)

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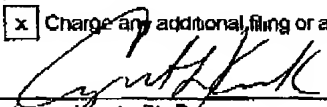
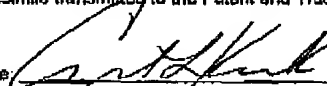
on August 6, 2004  
Date

  
Signature

Cynthia L. Kanik, Ph.D.  
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Fee Transmittal (1 page in duplicate);  
Supplemental Amendment in Response to Examiner Interview Summary (9 pages);  
Amendment Transmittal (1 page);  
This Certificate of Transmission under 37 CFR 1.8 (1 page), and  
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<b>AMENDMENT TRANSMITTAL LETTER</b>				Docket No. CCI-007USRCE	
Application No. 09/180269-Conf. #6599		Filing Date July 8, 1999		Examiner J. F. Murphy	
Art Unit 1646					
Applicant(s): Kathryn Lindsay BALL <i>et al.</i>					
Invention: METHODS AND MEANS FOR INHIBITION OF CDK4 ACTIVITY					
<b>TO THE COMMISSIONER FOR PATENTS</b>					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	106	- 64 =	42	x 9 00	378 00
Independent Claims	6	- 10 =		x	0 00
Multiple Dependent Claims (check if applicable) <input checked="" type="checkbox"/>					0.00
Other fee (please specify):					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					<b>378.00</b>
<input type="checkbox"/> Large Entity <span style="margin-left: 300px;"><input checked="" type="checkbox"/> Small Entity</span>					
<input type="checkbox"/> No additional fee is required for this amendment.					
<input checked="" type="checkbox"/> Please charge Deposit Account No. <u>12-0080</u> in the amount of \$ <u>378 00</u> A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>12-0080</u> as described below. A duplicate copy of this sheet is enclosed					
<input checked="" type="checkbox"/> Credit any overpayment					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
 Cynthia L. Rank, Ph.D. Attorney Reg. No.: 37,320				Dated: <u>August 6, 2004</u>	
LAHIVE & COCKFIELD, LLP 28 State Street Boston, Massachusetts 02109 (617) 227-7400					
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no (703) 872-9306, on the date shown below					
Dated August 6, 2004		Signature  (Cynthia L. Rank, Ph.D.)			

PTO/SB/17 (10-0-)

Approved for use through 7/31/2008, OMB 0651-0062  
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**FEE TRANSMITTAL  
for FY 2004**

Effective 10/01/2003 Patent fees are subject to annual revision

☒ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**378.00****Complete if Known**

Application Number	09/180269-Conf. #6589
Filing Date	July 8, 1999
First Named Inventor	Kathryn Lindsay BALL
Examiner Name	J. F. Murphy
Art Unit	1846
Attorney Docket No	CCI-007USRCE

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account

Deposit Account Number

12-0080

Deposit Account Name

Lahive &amp; Cockfield, LLP

The Director is authorized to (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)**0.00****2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
106	-64** =	42 x 9.00 =	378.00
Independent Claims	8	-10** =	0.00
Multiple Dependent			0.00

Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	260	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	Reissue independent claims over original patent
1205	18	2205	9	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)**378.00**

\*\*or number previously paid, if greater. For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or claim	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	2053	130	Non-English specification	
1812	2,520	2812	2,520	For filing a request for a patent examination	
1804	920*	2804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	2805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	850	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	230	2403	145	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	2460	130	Petitions to the Commissioner	
1807	50	2807	50	Processing fee under 37 CFR 1.17(q)	
1808	180	2808	180	Submission of Information Disclosure Sheet	
8021	40	28021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	2802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**0.00****SUBMITTED BY**

Name (Print/Type)	Cynthia L. Kanik, Ph.D.	Registration No. (Attorney/Agent)	37,320	Telephone	(617) 227-7400
Signature		Date	August 6, 2004		

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Date: August 6, 2004

Signature:

(Cynthia L. Kanik, Ph.D.)

Aug-06-04 10:29

From-LAHIVE & COCKFIELD, LLP

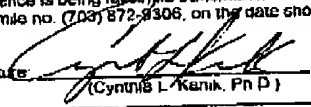
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Dated August 6, 2004 Signature  (Cynthia L. Kanik, Ph.D.)

Docket No.: CCI-007USRC:  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Kathryn Lindsay Ball *et al*

Application No.: 09/180269

Art Unit: 1646

Filed: July 8, 1999

Examiner: J. F. Murphy

For: METHODS AND MEANS FOR INHIBITION  
OF CDK4 ACTIVITY

**RESPONSE TO FINAL OFFICE ACTION**

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Final Office Action dated June 25, 2004, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.